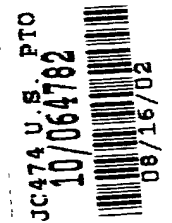


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 17154
Application ID: 10064782
Title of Invention: SHIELDING GAS FILTER FOR
WELDING APPARATUS
First Named Inventor: Gerald Piechowski
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-08-16
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: ITW7510.016
Digital Certificate Holder: cn=John Mark Wilkinson, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: pUKXq+t6F0jLFgPF5H0WSA==
Total Fees Authorized: \$740.0
Payment Category: CC - Credit Card
Credit Card Number: *****2548
Expiration Date: 10312002
Card Holder Name: Timothy J. Ziolkowski
RAM User ID: EFSPROD
RAM Accounting Date: 2002-08-16
RAM Sequence Number: 507780
RAM Payment Status: RAM success
Postal Code: 53202

$$\frac{1}{\Gamma(\alpha)} \int_0^t (t-\tau)^{\alpha-1} f(\tau) d\tau = I^\alpha f(t), \quad t \in [0, T],$$


specification

PatApp.xml

Attached Image File(s):

Dec1.tif

Dec2.tif

Comments:

PATENT APPLICATION

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

ATTY. DOCKET NO. ITW 7511

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if pl are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SHIELDING GAS FILTER FOR WELDING APPARATUS

the specification of which is attached hereto unless the following box is checked:

() was filed on _____ as US Application Serial No. or PCT International Application
Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as a any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as de CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate list have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is cla

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C.
			YES: ____ NO: ____
			YES: ____ NO: ____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the fili prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in th Trademark Office connected therewith.

Timothy J. Ziolkowski, Reg. No. 38368
J. Mark Wilkinson, Reg. No. 48,865

along with the following registered attorneys and agents of Illinois Tool Works Inc., 3600 West Lake Avenue, Glenview, IL 60025-5811:

Mark W. Croll, Reg. No. 31,098
Donald J. Breh, Reg. No. 30,159
Lisa M. Soltis, Reg. No. 40, 623
John H. Pilarski, Reg. No. 33,028
Paul F. Donovan, Reg. No. 39,962
R. Wayne Pritchard, Reg. No. 34,903
Benjamin J. Hauptman, Reg. No. 29, 310

Send Correspondence to:

Timothy J. Ziolkowski
Cook & Prapke S.C.
660 East Mason Street
Milwaukee, WI 53202

Direct Telephone Calls To:

Timothy J. Ziolkowski
(414) 271-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Gerald P. Piechowski

Citizenship: USA

Residence/Post Office Address: 767 West Main Street, Hortonville, WI 54944

Gerald P. Piechowski
Inventor's Signature

8-12-02
Date

Full Name of Inventor: Mark R. Christopher

Citizenship: USA

Residence/Post Office Address: 222 Mandella Court, Neenah, WI 54956

Mark R. Christopher
Inventor's Signature

8-12-02
Date

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 740

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 2548
 Expiration Date: 20021031
 Authorized Name: Timothy J. Ziolkowski
 Billing Address: 53202

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 17	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0